

UX Writing institute

# From Humanities to High-Tech

a guide for non-STEM career changers



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## Introduction

### Explanation of the book's purpose and target audience

The book "From Humanities to High-Tech: A Guide for Non-STEM Career Changers" is written for individuals who are seeking to transition their careers from non-STEM fields to the rapidly growing and dynamic world of technology. The purpose of this book is to provide valuable insights, guidance, and advice to non-tech career changers who are looking to break into the technology industry, but may not possess a STEM degree.

The book's target audience includes professionals from various fields who are interested in exploring technology jobs but may not have a strong background in STEM. This book is also for individuals who are seeking to enhance their skills in order to pursue a career in the technology industry. The book is designed to help individuals understand the technology industry, the different roles and job functions, and how to develop the necessary skills required to succeed in a tech career.

The book is structured to provide readers with a comprehensive understanding of the technology industry, including the latest trends, technologies, and job opportunities. The book's content is organized into easy-to-read chapters that cover topics such as career planning, job search strategies, resume writing, interviewing techniques, and more.

It also includes practical advice on how to develop the necessary skills required to succeed in the technology industry. Readers will learn about the different types of skills required for different roles within the technology industry and how to develop these skills through training, education, and on-the-job experience.

Overall, it is an essential resource for anyone interested in transitioning their career to the technology industry. The book is written in a clear and concise manner, making it accessible to individuals with little or no experience in technology. The book's practical advice, expert insights, and real-world examples make it an invaluable tool for anyone seeking to break into the fast-paced and exciting world of technology.

### **Overview of the importance of technology in modern careers**

Technology has become an integral part of modern society, and it has transformed the way we work and live. As a result, the importance of technology in modern careers cannot be overemphasized. In this subchapter, we will explore the significance of technology in modern careers and how it has opened up numerous job opportunities for people with non-STEM degrees.

Firstly, technology has revolutionized the way we work. It has made work more efficient, streamlined, and productive. For instance, with the aid of technology, employees can work remotely, collaborate with colleagues in different locations, and communicate effectively with clients and customers. This has made it easier for companies to expand their operations globally and has created new job opportunities for people with non-STEM degrees in fields such as project management, digital marketing, and customer service.

Secondly, technology has also created new industries and job roles that did not exist a few decades ago. For example, the rise of social media platforms has led to the emergence of new job roles such as social media managers, content creators, and digital advertisers. These jobs require creativity, communication skills, and an understanding of the digital landscape, which are skills that people with non-STEM degrees possess.

Thirdly, technology has made lifelong learning essential for career advancement. In today's fast-paced work environment, technology is constantly evolving, and it is essential to keep up with these changes to remain relevant in your career. This has created a demand for professionals who can adapt to new technologies quickly and efficiently. People with non-STEM degrees can acquire these skills through online courses, certification programs, and on-the-job training, making it easier for them to transition to technology-related roles.

In conclusion, technology has transformed the modern workplace, and it has created numerous job opportunities for people with non-STEM degrees. By embracing technology and acquiring relevant skills, non-tech career changers can remain competitive in the job market and advance their careers.

## Understanding the Tech Industry

### Defining the Tech Industry and its various sectors

The tech industry is vast and encompasses a wide range of sectors, each with its own unique set of skills, job roles, and requirements. It is essential for non-tech career changers to understand the various sectors within the tech industry to identify the areas that align with their skills and interests.

One of the most significant sectors within the tech industry is software development, which involves designing, programming, testing, and maintaining computer software. This sector includes roles such as software engineers, developers, testers, and project managers. This sector requires strong coding skills, problem-solving abilities, and an understanding of programming languages such as Java, Python, and C++.

Another sector within the tech industry is data science and analytics, which involves analyzing and interpreting complex data sets to derive insights and make informed business decisions. This sector includes roles such as data analysts, data scientists, and business analysts. This sector requires a strong grasp of statistics, machine learning, and data visualization tools such as Tableau and PowerBI.



The cybersecurity sector is another critical area within the tech industry that focuses on protecting networks, systems, and data from cyber threats. This sector includes roles such as security analysts, security engineers, and penetration testers. This sector requires knowledge of cybersecurity technologies, protocols, and ethical hacking techniques.

The e-commerce sector is a rapidly growing area within the tech industry that focuses on online retail and marketing. This sector includes roles such as e-commerce managers, digital marketers, and social media specialists. This sector requires expertise in online marketing strategies, search engine optimization, and social media management.

Other sectors within the tech industry include artificial intelligence, cloud computing, gaming, and robotics. Each of these sectors requires a unique set of technical skills, but they all share a common emphasis on innovation and creativity.

In conclusion, understanding the various sectors within the tech industry is crucial for non-tech career changers looking to transition into the industry. By identifying the sectors that align with their skills, interests, and career goals, non-tech career changers can pursue rewarding and fulfilling careers within the tech industry.

## Identifying the skills and knowledge required for success in tech careers

In today's world, technology has become an essential part of our lives. With the increasing demand for tech professionals, many non-STEM professionals are looking to transition into tech careers. However, the transition can be challenging if you do not know the skills and knowledge required for success in tech careers.

Identifying the skills and knowledge required for success in tech careers is crucial for non-tech career changers. The following are some of the essential skills and knowledge that can help you succeed in tech careers.

1. **Problem-Solving Skills:** Tech professionals need to be good problem solvers. They must be able to identify problems and come up with innovative solutions to solve them. Problem-solving skills can be developed by participating in hackathons, coding competitions, and other tech challenges.
2. **Technical Skills:** Technical skills are a fundamental requirement for tech careers. You need to have a good understanding of programming languages, software development, data analytics, and other technical skills. You can develop technical skills by taking online courses, attending workshops, and participating in coding boot camps.

3. **Communication Skills:** Communication skills are essential for tech professionals, especially for those who work in teams. You need to be able to communicate your ideas and work effectively with other team members. You can develop your communication skills by participating in group projects, public speaking, and attending seminars.

4. **Industry Knowledge:** To be successful in tech careers, you need to have a good understanding of the industry. You should be aware of the latest trends, technologies, and tools used in the industry. You can gain industry knowledge by attending conferences, reading blogs, and following industry experts on social media.

5. **Adaptability:** Tech careers require adaptability as the industry is constantly changing. You need to be able to adapt to new technologies and methodologies quickly. You can develop adaptability by taking on new challenges and trying out new technologies.

In conclusion, identifying the skills and knowledge required for success in tech careers is essential for non-tech career changers. By developing these skills and knowledge, you can increase your chances of success in the tech industry. Remember to stay curious, keep learning, and never stop growing.

## Exploring the different types of tech jobs available

If you're a non-tech career changer looking to break into the tech industry, it's important to understand the different types of tech jobs available. The tech industry offers a wide range of roles that require different skills and qualifications, so it's essential to know what you're interested in and what you're qualified for.

Here are some of the different types of tech jobs available:

1. **Software Development:** If you enjoy problem-solving and have a background in computer science or programming, a career in software development could be for you. Software developers design, test, and maintain software applications and systems. They work with programming languages such as Java, Python, and C++.
2. **Data Analysis:** If you're good with numbers and have a background in mathematics, statistics, or economics, a career in data analysis could be a good fit. Data analysts collect, analyze, and interpret large amounts of data to help organizations make informed decisions. They work with data visualization tools such as Tableau and Excel.
3. **Project Management:** If you have strong organizational skills and enjoy leading teams, a career in project management could be a good option. Project managers oversee the planning, execution, and delivery of projects within an organization. They work with project management tools such as Asana and Trello.
4. **User Experience Design:** If you have a background in design or psychology, a career in user experience (UX) design could be a good fit. UX designers create user-friendly interfaces for websites and applications. They work with design tools such as Sketch and Adobe XD.

5. **Cybersecurity:** If you have a background in computer science or information technology, a career in cybersecurity could be a good option. Cybersecurity professionals protect organizations from cyber threats such as hacking and data breaches. They work with security tools such as firewalls and intrusion detection systems.

These are just a few examples of the different types of tech jobs available. There are many other roles within the tech industry, such as network engineering, database administration, and technical writing. It's important to explore your interests and qualifications to find the right fit for you.

In conclusion, the tech industry offers a wide range of roles for non-tech career changers. Understanding the different types of tech jobs available and your qualifications can help you find the right fit for your skills and interests.

## Assessing Your Skills and Interests

### Conducting a self-assessment of your skills

Conducting a self-assessment of your skills is an essential step in transitioning to a technology job with a non-STEM degree. It's necessary to evaluate your current skill set and identify areas that require improvement. Whether you're a writer, marketer, or artist, you already possess transferable skills that can be applied to the tech industry.

The first step in conducting a self-assessment is to identify your strengths and weaknesses. Start by making a list of the skills you have acquired in your previous career, including problem-solving, communication, and teamwork. Then, identify the skills required for a technology job that you don't currently possess.

Next, evaluate your technical skills. Do you have experience with any software programs or coding languages? Are you familiar with data analysis or project management tools? If not, consider taking online courses or attending workshops to gain the necessary skills.

It's also important to assess your soft skills, such as adaptability, creativity, and critical thinking. These skills are highly valued in the tech industry and can make you stand out from other candidates.

Another crucial aspect of self-assessment is identifying your career goals. What type of technology job are you interested in? Do you want to work in artificial intelligence, web development, or cybersecurity? Research the skills and qualifications required for your desired role and determine how you can acquire them.

Additionally, networking is essential in the tech industry. Build connections with professionals in the field and attend industry events to learn about the latest trends and technologies. This will help you stay up to date with industry developments and potentially open new career opportunities.

In conclusion, conducting a self-assessment of your skills is a crucial step in transitioning to a technology job with a non-STEM degree. Identify your strengths and weaknesses, evaluate your technical and soft skills, set career goals, and build your professional network. With hard work and dedication, you can successfully make the transition to a fulfilling and rewarding career in technology.

### **Identifying your interests and passions**

Before making a career change, it's important to identify your interests and passions. This will help you find a career that aligns with your values and motivates you to grow and succeed. For non-tech career changers, it's crucial to identify what you're passionate about and how it can be applied to technology jobs.

Start by making a list of your hobbies, skills, and interests. Think about what you enjoy doing in your free time and how you can translate those activities into a career in technology. For example, if you enjoy writing, you might consider a career in technical writing or content creation. If you enjoy problem-solving, you might consider a career in software development or data analysis.

You should also consider your values and what's important to you in a career. Do you prefer working independently or as part of a team? Do you value innovation and creativity, or do you prefer a structured environment? These factors will help you narrow down your search and find a career that aligns with your goals.

It's also important to research different technology jobs and industries to get a better understanding of what's available. Read job descriptions and talk to people in the field to get a sense of the day-to-day responsibilities and skills required for each job. This will help you determine if a particular career is a good fit for your interests and experience.

Remember, it's okay to start small and explore different options before making a decision. Consider taking on freelance projects or volunteering in a tech-related field to gain experience and learn more about the industry. This will not only help you build your skills, but also give you a better sense of what you enjoy and what you're good at.

In conclusion, identifying your interests and passions is a crucial step in finding a satisfying career in technology. By taking the time to reflect on your values and experience, researching different job options, and exploring different opportunities, you can find a career that aligns with your goals and motivates you to grow and succeed.

### **Exploring how your skills and interests can be applied to tech careers**

Are you a non-STEM degree holder considering a career change to the tech industry, but unsure of how to bridge the gap between your current skill set and the technical skills required for a tech role? Look no further, as we explore how your existing skills and interests can be applied to tech careers.



Firstly, it's important to recognize that the tech industry is not just about coding and programming. While technical skills are certainly valuable, non-technical skills such as communication, project management, and creativity are equally important in tech roles. For example, a background in marketing or public relations can be transferred to a tech company's marketing or communications department, while an interest in design can lead to a career in user experience or graphic design.

Another way to leverage your existing skills and interests is to explore tech roles that align with your industry or profession. For instance, if you're a journalist or writer, you could pursue a career in tech journalism or content creation for a tech company. If you're a teacher, you could consider a role in educational technology or e-learning.

Alternatively, you can consider upskilling or reskilling to gain the technical skills required for a tech role. Many tech companies offer training programs and bootcamps for individuals with non-technical backgrounds. Additionally, online courses and certifications are readily available and can be completed at your own pace.

It's also worth noting that soft skills such as adaptability, problem-solving, and teamwork are highly valued in the tech industry. These skills can be honed through volunteer work, extracurricular activities, or even hobbies.

In summary, there are numerous ways to apply your skills and interests to tech careers, even if you're a non-STEM degree holder. The key is to identify your transferable skills and explore roles that align with your industry or profession. With the right mindset and a willingness to learn, you can successfully transition to a fulfilling and rewarding career in tech.

## Preparing for Your Career Change

### Setting goals and creating a plan

### Building a strong network

Networking is an essential aspect of any job search, particularly for non-STEM career changers looking to break into the technology industry. Building a strong network can help you get your foot in the door, learn about job openings, and gain valuable insights into the industry.

One of the best places to start building your network is through informational interviews. Reach out to people who work in your target industry or company and ask if they would be willing to chat with you about their job and career path. This is a great way to learn about the industry and make connections.

Another way to build your network is to attend events and conferences related to your target industry. Take advantage of any opportunities to meet and talk with people in the industry, and be sure to follow up with them afterward. You can also join professional organizations related to your industry, which can provide valuable networking opportunities and resources.

Don't be afraid to use social media to expand your network as well. LinkedIn is a great platform for connecting with people in your industry and building your professional network. Follow relevant companies and industry leaders, and engage with their content to build relationships. You can also join LinkedIn groups related to your industry or interests, which can provide additional networking opportunities.

When building your network, it's important to be genuine and authentic. Don't just focus on what you can get out of the relationship – instead, approach networking as an opportunity to build meaningful connections and learn from others. Be sure to follow up with people after you meet them, and offer to help them in any way you can.

Ultimately, building a strong network takes time and effort, but it can pay off in a big way when it comes to finding a job in the technology industry. By taking the time to connect with others in your industry, you can learn about job openings, gain valuable insights, and build relationships that can help you throughout your career.

## Developing your personal brand

In today's digital age, it is more important than ever to develop a strong personal brand. A personal brand is the image and reputation that you create for yourself, and it is crucial in helping you stand out in a crowded job market. As a non-tech career changer, building a strong personal brand can help you to break into the technology industry and land the job of your dreams.

Here are some tips for developing your personal brand:

1. Identify your strengths and values: Before you can start building your personal brand, you need to know what sets you apart from the competition. Start by identifying your strengths and values, and think about how these can be applied to the technology industry.
2. Build a strong online presence: In today's digital age, having a strong online presence is essential. Create a professional website or blog, and make sure your social media profiles are up-to-date and reflect your personal brand.
3. Network, network, network: Networking is key in any industry, but it is especially important in the technology industry. Attend industry events and conferences, and connect with professionals in your field on LinkedIn.

4. Showcase your skills: As a non-tech career changer, you may not have a lot of experience in the technology industry. However, you can showcase your skills by taking online courses, working on personal projects, or volunteering your time for tech-related organizations.

5. Be authentic: Your personal brand should be a reflection of who you are, so be authentic in everything you do. Don't try to be someone you're not, as this will only hurt your credibility in the long run.

By following these tips, you can develop a strong personal brand that will help you stand out in the technology industry. Remember, building a personal brand takes time and effort, but the payoff can be well worth it in the end.

## Navigating the Job Search Process

### Understanding the job market

Understanding the job market is crucial for anyone looking to make a career change, especially in the technology field where the landscape is constantly evolving. As a non-tech career changer, it's important to understand the current state of the job market and what employers are looking for in candidates.

One of the biggest trends in the tech industry is the demand for workers with non-STEM degrees. Employers are recognizing the value of hiring individuals with diverse backgrounds and skill sets, as they bring a unique perspective and problem-solving abilities to the table. This means that there are a variety of technology jobs available for people with non-STEM degrees, from marketing and sales to project management and user experience design.

However, it's important to note that the job market can vary depending on the specific industry and location. It's important to do your research and understand the trends in your area. Look at job postings, attend networking events, and talk to people who work in the industry to get a sense of what skills and experience are in demand.

Another factor to consider is the skills gap. Many employers are struggling to find candidates with the specific skills they need, such as coding languages or software proficiency. This presents an opportunity for non-tech career changers to learn new skills and fill these gaps. There are many resources available for learning tech skills, such as online courses, bootcamps, and workshops.

Finally, it's important to understand the soft skills that are highly valued in the tech industry. Collaboration, communication, and problem-solving are all essential skills for working in a team-based and constantly changing environment. Highlighting these skills on your resume and in interviews can make you stand out as a valuable candidate.

Overall, understanding the job market is essential for non-tech career changers looking to break into the technology field. By staying up-to-date on industry trends and developing in-demand skills, you can position yourself as a valuable asset to potential employers.

### **Creating a strong resume and cover letter**

Creating a strong resume and cover letter is crucial when applying for any job, especially in the technology industry. As a non-tech career changer, it can be challenging to showcase your skills and experiences in a way that appeals to tech employers. However, with a few tips and tricks, you can create a compelling resume and cover letter that stands out from the rest.

First, it's important to understand what tech employers are looking for in a candidate. They want someone who is not only proficient in technical skills but also has strong communication, problem-solving, and collaboration skills. Therefore, your resume and cover letter should highlight your transferable skills, such as project management, leadership, and teamwork.

When crafting your resume, make sure to include a clear and concise summary statement that highlights your skills and experiences. Use keywords and phrases that are relevant to the job you're applying for, as tech employers often use applicant tracking systems to screen resumes. Also, make sure to quantify your accomplishments with specific numbers and metrics, such as "increased sales by 20%," to demonstrate your impact.

In your cover letter, show your enthusiasm and passion for the tech industry. Explain why you're interested in making a career change and how your transferable skills make you a strong candidate. Use specific examples from your past experiences to demonstrate how you've used your skills to solve problems and achieve results.

Finally, proofread your resume and cover letter carefully to ensure there are no typos or grammatical errors. Have a friend or mentor review them as well to get feedback and suggestions for improvement.

In summary, creating a strong resume and cover letter is essential when transitioning to a tech career. By highlighting your transferable skills, using relevant keywords and phrases, and demonstrating your passion for the industry, you can make a compelling case for why you're the right candidate for the job.

### **Navigating interviews and negotiating job offers**

As a non-tech career changer, the interview process for a technology job can seem intimidating and overwhelming. However, with the right preparation and mindset, you can approach the interview process with confidence and increase your chances of landing the job.

First, it's important to research the company and the position thoroughly. This includes understanding the company culture, the products or services they offer, and the specific job responsibilities. You should also research the industry and the latest trends to demonstrate your knowledge and interest in the field.



Next, prepare for common interview questions such as "Tell me about yourself" and "Why do you want to work for this company?" Practice your responses to these questions with a friend or family member to ensure you are able to articulate your skills and experiences effectively.

During the interview, make sure to showcase your transferable skills and experiences. For example, if you have experience in project management, highlight how those skills could be applied to a technology project. Additionally, be sure to ask thoughtful questions about the company and the position to demonstrate your interest and engagement.

If you are offered the job, it's important to negotiate the offer to ensure you are receiving fair compensation and benefits. Research the industry standards for salary and benefits to have a clear understanding of what you should be asking for. Additionally, consider negotiating for additional perks such as remote work options or professional development opportunities.

Overall, navigating interviews and negotiating job offers as a non-tech career changer may seem daunting, but with the right preparation and mindset, you can successfully transition into a technology job. Remember to do your research, showcase your transferable skills, and confidently negotiate the offer to ensure you are setting yourself up for success in your new career.

# Top High-Tech Jobs for Non-STEM Graduates

## Project Manager/Coordinator

If you're looking to transition into a technology job but don't have a STEM degree, becoming a project manager or coordinator could be a great option for you. Project managers are responsible for planning and overseeing the execution of projects within an organization. They work closely with teams to ensure that projects are completed on time, within budget, and to the satisfaction of stakeholders.

The role of a project manager typically involves the following tasks:

1. Defining the project scope, goals, and objectives
2. Creating a detailed project plan that outlines the timeline, budget, and resources required
3. Identifying potential risks and developing contingency plans
4. Assigning tasks to team members and monitoring their progress
5. Communicating with stakeholders to provide regular updates on the project's status
6. Evaluating the project's success and identifying areas for improvement

To become a project manager, you'll need strong organizational, communication, and leadership skills. You'll also need to be able to work well under pressure and be comfortable making decisions in a fast-paced environment.

One way to gain experience as a project manager is to pursue a project management certification, such as the Project Management Professional (PMP) certification offered by the Project Management Institute (PMI). This certification requires several years of project management experience and passing an exam, but it can significantly enhance your job prospects and earning potential.

Another option is to start in a project coordinator role, which typically involves supporting project managers by handling administrative tasks such as scheduling meetings, taking meeting minutes, and tracking project progress. This can be a great way to gain experience and prove your skills in a lower-pressure role before moving on to a project management position.

Overall, project management can be a rewarding and challenging career path for non-STEM professionals looking to break into the technology industry. With the right skills and experience, you can excel in this role and make a meaningful impact on the success of your organization's projects.

## **Business Analyst**

Business Analysts are pivotal professionals in the technology industry, and they play a critical role in ensuring business success. They are responsible for analyzing data, identifying trends, and making strategic recommendations to improve business operations. This subchapter will explore the role of Business Analysts and how they can apply their non-STEM skills to succeed in this exciting and dynamic field.

Business analysts are responsible for identifying and understanding business needs, assessing the impact of proposed solutions, and developing strategies to improve business operations. They work with clients, stakeholders, and technical teams to gather requirements and provide recommendations for process improvements. Business analysts are also responsible for identifying opportunities for cost savings, revenue generation, and process optimization.

For non-STEM professionals looking to transition into a technology career, Business Analysis is an excellent option. This field requires strong analytical, problem-solving, and communication skills, which are skills that many non-STEM professionals possess. Additionally, Business Analysts work with a variety of stakeholders, including technical teams, clients, and management, making it an excellent opportunity for those who enjoy working with people.

To succeed as a Business Analyst, non-STEM professionals should focus on developing their analytical skills, including data analysis, modeling, and visualization. They should also learn to think critically and strategically, as they will need to assess business needs and recommend solutions that align with organizational goals. Effective communication skills are also essential, as Business Analysts need to communicate complex information to technical and non-technical stakeholders.

In conclusion, Business Analysis is an excellent option for non-STEM professionals looking to transition into a technology career. This field offers diverse opportunities, excellent compensation, and the chance to work on exciting projects that drive business success. By developing their analytical, critical thinking, and communication skills, non-STEM professionals can thrive as Business Analysts and make a significant impact on the organizations they serve.

### **User Experience (UX) Designer and Writer**

User Experience (UX) designers are responsible for ensuring that a digital product is both functional and enjoyable to use. They work closely with developers, product managers, and other stakeholders to create intuitive and engaging user interfaces that meet the needs of the product's users. This requires a combination of technical skills, creative problem-solving ability, and a deep understanding of human behavior.

UX writers belong to the same employment group as UX designers because UX elements are a part of the overall UX design.

UX designers are in high demand in the tech industry, and the field is growing rapidly. According to the Bureau of Labor Statistics, employment of UX designers is projected to grow 14% from 2019 to 2029, much faster than the average for all occupations. This is because more and more companies are recognizing the importance of user-centered design in creating successful products, and are investing in UX teams to ensure their products are competitive in the marketplace.

To become a UX designer, you don't necessarily need a degree in a STEM field. Many successful UX designers come from backgrounds in the humanities, social sciences, or design. However, you will need to develop a strong understanding of the principles of user-centered design, as well as proficiency in the software tools commonly used in the industry.

One way to get started in UX design is to take courses or workshops in design thinking, user research, and prototyping. There are also many online resources available, such as online courses, tutorials, and forums where you can connect with other aspiring UX designers and learn from their experiences.

[UX Writing Institute](#) offers affordable crash courses in UX writing especially designed for non-tech career changers, such as courses in UX writing fundamentals and micro copy.

Networking is also important in the UX design field. Attending industry events, joining professional organizations, and connecting with other designers on social media can help you build relationships and gain insights into the latest trends and best practices in UX design.

Overall, UX design is a rewarding field that offers many opportunities for non-tech career changers to use their creativity and problem-solving skills in a high-growth industry. With the right training and networking, you can launch a successful career as a UX designer and make a positive impact on the digital products we use every day.

## Technical Writer

If you're a non-tech career changer looking to break into the technology industry, becoming a technical writer might be the perfect fit for you. A technical writer is responsible for creating and editing technical documentation, such as user manuals, instruction guides, and online help systems. They work closely with engineers, product managers, and other technical staff to ensure that the documentation accurately reflects the product or service being offered.

To be a successful technical writer, you need excellent writing skills, a strong attention to detail, and the ability to organize and present complex information in a clear and concise manner. You don't necessarily need a degree in a technical field, but it can be helpful to have some knowledge of the subject matter you'll be writing about.

One of the benefits of being a technical writer is that you can work in a variety of industries, as almost every company that produces a product or service needs technical documentation. This means that you can apply your writing skills to fields as diverse as software development, healthcare, finance, and manufacturing.

To get started as a technical writer, you'll need to build a portfolio of writing samples that demonstrate your ability to write clearly and effectively about technical subjects. You can also take courses or attend workshops to learn more about technical writing, and join professional organizations like the Society for Technical Communication to network with other writers and stay up-to-date on industry trends.

Overall, becoming a technical writer is a great way for non-tech career changers to break into the technology industry. With strong writing skills and a willingness to learn about technical subjects, you can build a successful career creating the documentation that helps people understand and use the products and services that power our world.

## Digital Marketer

In today's fast-paced business environment, digital marketing has become an essential tool for companies to reach their target audience. The role of a digital marketer is to use various digital channels to promote a company's products or services and engage with customers. This job requires a mix of creativity, data analysis, and technical skills.

If you are interested in pursuing a career in digital marketing, here are some tips to help you get started.

### 1. Learn the basics

Before you jump into the world of digital marketing, it is important to understand the basics. Start by learning about the different digital channels such as social media, email marketing, pay-per-click advertising, and search engine optimization (SEO). Once you have a good understanding of each channel, you can start to explore how they work together to create an effective digital marketing strategy.



## 2. Develop your skills

Digital marketing requires a range of skills, from content creation to data analysis. To be successful in this field, it is essential to continually develop your skills. Consider taking online courses, attending workshops, or even pursuing a degree in digital marketing or a related field.

## 3. Build a portfolio

One of the best ways to showcase your skills as a digital marketer is to build a portfolio. This can include examples of social media campaigns you have run, email newsletters you have created, or blog posts you have written. Having a portfolio will not only help you land a job but also demonstrate your creativity and marketing skills.

## 4. Network

Networking is essential in any field, and digital marketing is no exception. Attend industry events, connect with professionals on LinkedIn, and join online communities. By networking, you can learn about new job opportunities, stay up-to-date on industry trends, and even find mentors who can help guide your career.

In conclusion, digital marketing is an exciting and dynamic field that offers numerous opportunities for non-STEM career changers. By learning the basics, developing your skills, building a portfolio, and networking, you can position yourself for success in this growing industry.

## Alternative Paths to Tech Careers

### Tech Entrepreneurship

Are you interested in starting your own tech company but don't have a STEM degree? Don't worry, you don't need one to be a successful tech entrepreneur. In fact, many successful tech founders come from non-STEM backgrounds, including business, law, and the humanities.

The key to success as a tech entrepreneur is not a degree, but rather a combination of creativity, problem-solving skills, and a willingness to learn. It's important to have a strong understanding of the market and the problems that your product or service will solve. This can come from experience in your current career, research, or by talking to potential customers.

One of the biggest advantages of starting a tech company without a STEM degree is that you can bring a unique perspective to the industry. Your background in a non-technical field can help you identify opportunities and solutions that others may overlook. It's important to embrace your unique perspective and use it to your advantage.

Another important aspect of tech entrepreneurship is networking. Attend industry events and connect with other entrepreneurs, investors, and mentors. These connections can help you learn more about the industry and potentially lead to partnerships or funding opportunities.

When it comes to building your team, it's important to hire people with the technical skills you need. Look for candidates who are passionate about your mission and have a track record of success in their field. It's also important to have a diverse team with different backgrounds and perspectives. This can help you avoid groupthink and come up with more creative solutions.

Finally, don't be afraid to fail. Failure is a natural part of entrepreneurship and can be a valuable learning experience. Remember that every successful entrepreneur has experienced failure at some point in their career. Use your failures as an opportunity to learn and grow.

In conclusion, you don't need a STEM degree to be a successful tech entrepreneur. Your unique perspective and problem-solving skills can be an asset in the industry. Focus on understanding the market, networking, building a diverse team, and embracing failure as a learning opportunity. With hard work and dedication, you can build a successful tech company.

### Tech Consulting

Tech consulting is a career path that offers a lot of opportunities for people with non-STEM degrees. As a tech consultant, you will work with businesses and organizations to help them solve their technology-related problems. You will be responsible for identifying areas where technology can be used to improve efficiency and productivity, and you will work closely with clients to develop and implement solutions.

One of the great things about tech consulting is that it is a field that is constantly evolving. New technologies are emerging all the time, and businesses are always looking for ways to stay ahead of the curve. As a tech consultant, you will be at the forefront of this innovation, helping businesses to adapt and thrive in a rapidly changing environment.

To be successful in tech consulting, you will need a combination of technical and interpersonal skills. You will need to be able to understand complex technical concepts and communicate them in a way that is easy for non-technical people to understand. You will also need to be able to work effectively with clients, building relationships and managing expectations.

One of the best ways to get started in tech consulting is to gain experience in a related field, such as IT or project management. Many tech consulting firms also offer training programs for new hires, so you can learn the skills you need on the job.

Another option is to start your own tech consulting business. This can be a great way to leverage your existing skills and experience while also building a business that you are passionate about. However, starting your own business can be challenging, so it is important to do your research and seek out advice from other entrepreneurs and industry experts.

Overall, tech consulting is a rewarding and challenging career path that offers a lot of opportunities for people with non-STEM degrees. Whether you are looking to work for a consulting firm or start your own business, there are a lot of resources available to help you succeed.

### Tech Sales

If you're looking to transition into a career in the tech industry, but don't necessarily have a STEM degree, tech sales may be a great option for you. Tech sales is an area of the industry that values strong communication, collaboration, and relationship-building skills. These skills are often found in individuals with backgrounds in the humanities, social sciences, and other non-STEM fields.

Tech sales involves selling technology products and services to businesses, organizations, and individuals. This can include everything from software and hardware to cloud-based solutions and consulting services. As a tech sales professional, you'll be responsible for identifying potential clients, building relationships with them, and ultimately convincing them to purchase your company's products or services.

One of the benefits of a career in tech sales is the potential for high earnings. Sales professionals in the tech industry often earn salaries and bonuses that are significantly higher than in other sales fields. Additionally, tech sales can be a great way to gain exposure to different areas of the industry and build a strong network of contacts.

To be successful in tech sales, it's important to have a strong understanding of the products or services you're selling. This may require some additional training or education, but it's also important to be able to effectively communicate the value of these products or services to potential clients. Additionally, strong interpersonal skills, including the ability to build relationships, negotiate effectively, and work collaboratively with others, are essential.

If you're interested in a career in tech sales, there are a number of resources available to help you get started. Many companies offer entry-level sales positions, and there are also a variety of training programs and certifications that can help you develop the skills you need to succeed. Additionally, networking events and industry conferences can be a great way to meet others in the field and learn more about the industry.

Overall, tech sales is a great career option for individuals with non-STEM backgrounds who are interested in the tech industry. With the right skills and training, you can build a successful career in this exciting and dynamic field.

## Continuing Your Education

### Online courses and certificates

Online courses and certificates have become increasingly popular among non-tech career changers who want to gain new skills and knowledge in the technology industry. The flexibility and accessibility of online learning make it an attractive option for those who are currently working or have other commitments.

One of the main advantages of online courses and certificates is that they offer a cost-effective way to learn new skills. Many courses are available for free or at a much lower cost than traditional college or university programs. This allows non-tech career changers to gain the skills they need without having to invest a large amount of money or time.

Another benefit of online courses and certificates is that they are often self-paced, which means that students can learn at their own speed. This is ideal for those who have other commitments, such as a job or family, as they can fit their learning around their schedule. It also means that they can take as much time as they need to fully understand and absorb the material.

Online courses and certificates also offer a wide range of options for non-tech career changers. There are courses available on a variety of topics, from coding and programming to digital marketing and web design. This means that there is something for everyone, regardless of their interests or background.

For those looking forward to start a career in UX, take crash courses for non-tech career changers, such as those offered by [UX Writing Institute.com](https://www.uxwritinginstitute.com).

In addition, many online courses and certificates are recognized by employers in the technology industry. This can be a valuable asset for non-tech career changers who are looking to break into the industry but may not have a traditional STEM background. Having a recognized certificate or qualification can demonstrate to potential employers that they have the skills and knowledge needed to succeed in a tech role.

Overall, online courses and certificates can be a great option for non-tech career changers who want to gain new skills and knowledge in the technology industry. They offer flexibility, accessibility, and affordability, as well as a wide range of options for different interests and backgrounds. With the right course or certificate, non-tech career changers can take the first step towards a new and exciting career in technology.

## **Bootcamps and intensive training programs**

Bootcamps and intensive training programs are a popular option for non-tech career changers who are looking to transition into the technology industry. These programs are designed to provide individuals with the skills and knowledge they need to land a job in tech in a short amount of time. While bootcamps and intensive training programs may seem like a quick fix, they require a lot of dedication and hard work.

Bootcamps and intensive training programs are typically offered by private companies that specialize in tech education. These programs can range from a few weeks to several months, and they often focus on specific areas of tech, such as web development, data science, or cybersecurity. Bootcamps and intensive training programs usually involve a mix of lectures, hands-on projects, and real-world scenarios to help students gain a deep understanding of the subject matter.



One of the benefits of bootcamps and intensive training programs is that they are often much more affordable than traditional college or university programs. They also offer flexible schedules, which makes them a great option for individuals who are working full-time or have other commitments. Bootcamps and intensive training programs often have strong connections with employers in the tech industry, which can lead to job placement opportunities for graduates.

However, bootcamps and intensive training programs are not for everyone. They require a significant amount of time and effort, and they can be very challenging. Students must be prepared to work hard and dedicate themselves fully to the program.

Bootcamps and intensive training programs also do not provide the same level of depth and breadth as traditional college or university programs, which may limit career advancement opportunities in the long run.

Overall, bootcamps and intensive training programs are a great option for non-tech career changers who want to break into the tech industry quickly and affordably.

However, individuals must be prepared to put in the hard work and dedication required to succeed in these programs.

## Graduate degrees and continuing education

Graduate Degrees and Continuing Education: A Pathway to Enter the Tech Industry

For non-STEM professionals who want to pivot into a tech career, earning a graduate degree or pursuing continuing education can be a strategic move. Graduate degrees offer a comprehensive curriculum that covers both theoretical and practical aspects of a specific field. Meanwhile, continuing education programs provide a flexible and accessible way to acquire new skills and knowledge. Both options can boost a candidate's credentials and make them stand out in the competitive job market.

The good news is that there are plenty of graduate degrees and continuing education programs that cater to non-STEM professionals who want to enter the tech industry. Here are some of the most popular options:

### 1. Master's in Computer Science (MCS)

An MCS degree is designed for students who want to develop advanced skills in computer science and software engineering. This degree covers a wide range of topics, including algorithms, data structures, programming languages, and computer architecture. An MCS degree can open up doors to various tech roles, such as software engineer, data analyst, and machine learning engineer.

### 2. Master's in Information Systems (MIS)

An MIS degree is ideal for professionals who want to understand how technology can be used to solve business problems. This degree covers topics such as database management, business analytics, and project management. An MIS degree can lead to roles such as business analyst, IT consultant, and project manager.

## 3. Graduate Certificates in Technology

Graduate certificates provide a targeted way to gain new skills in a particular technology field. These programs are often shorter than degree programs and can be completed online or in-person. Some popular graduate certificates include cybersecurity, data analytics, and cloud computing.

## 4. Massive Open Online Courses (MOOCs)

MOOCs are online courses that are open to anyone, and many of them are free. These courses cover a wide range of topics, from programming languages to data analysis to artificial intelligence. Some popular MOOC providers include Coursera, edX, and Udacity.

Whether you choose to pursue a graduate degree or continuing education, it's essential to select a program that aligns with your career goals and interests. You should also consider the program's reputation, accreditation, and cost. By investing in your education, you can gain the skills and knowledge you need to succeed in the tech industry.

# Succeeding in Your New Career

## Building your professional network

As a non-tech career changer looking to transition into a technology job, building a professional network is crucial to your success. Your network can help you gain valuable insights into the industry, connect with potential employers, and learn about job opportunities that may not be advertised on traditional job boards.

Here are some tips on how to build your professional network:

1. Attend industry events: Attend events such as tech conferences, workshops, and meetups. These events are great opportunities to meet people in the industry and learn about the latest trends and technologies.
2. Connect with professionals on LinkedIn: LinkedIn is a powerful tool for building your professional network. Connect with professionals in your industry and engage with their content.
3. Join industry groups and forums: Join online industry groups and forums to connect with professionals in your industry. These groups provide a platform for discussion and can be a great source of information on industry news and trends.
4. Attend career fairs: Attend career fairs to meet with potential employers and learn about job opportunities. Prepare a strong elevator pitch and bring copies of your resume to hand out to recruiters.

5. Volunteer: Volunteering is a great way to meet people in your industry while giving back to your community. Look for opportunities to volunteer at tech events or with organizations that align with your interests.

6. Use your alumni network: Reach out to alumni from your alma mater who work in the tech industry. They may be able to provide valuable insights and connections.

Remember, building your professional network takes time and effort. Be patient and persistent, and don't be afraid to reach out to people in your industry. Building a strong professional network can help you achieve your career goals and open doors to new opportunities.

### **Developing new skills and continuing education**

As a non-tech career changer, it is essential to understand that developing new skills and continuing education is crucial for a successful transition into a technology job. Technology is a rapidly evolving field, and keeping up with the latest trends and tools is vital.

One way to start developing new skills is by taking online courses or attending workshops and seminars. There are numerous online platforms that offer courses in various technology fields, such as coding, data analysis, cybersecurity, and cloud computing. Coursera, Udemy, and edX are some popular platforms that offer a wide range of courses at affordable prices.

Another way to learn new skills is by attending workshops and seminars. Many technology companies and organizations offer free or low-cost workshops and seminars on various topics. Attending these events can help you learn new skills, network with industry professionals, and get a better understanding of the technology industry.

Continuing education is also important for a successful transition into a technology job. Many universities and colleges offer postgraduate programs in technology fields. Earning a degree or a certification in technology can help you gain the necessary skills and knowledge to excel in your new career.

Networking is also an essential part of developing new skills and continuing education. Joining professional organizations and attending industry events can help you connect with like-minded professionals, learn about new trends and technologies, and find job opportunities.

In conclusion, developing new skills and continuing education is vital for non-tech career changers who want to transition into a technology job. Taking online courses, attending workshops and seminars, earning a degree or certification, and networking are all excellent ways to stay up-to-date with the latest trends and tools in the technology industry. By investing in your education and skills, you can increase your chances of success in your new career.

## Advancing in your career and taking on leadership roles

One of the biggest challenges non-tech career changers face is how to advance in their new career and take on leadership roles. While the tech industry is known for its rapid growth and career opportunities, it can also be intimidating and overwhelming for those without a STEM background.

However, there are ways to overcome these challenges and position yourself for success. Here are some tips to help you advance in your tech career and take on leadership roles:

### 1. Develop your skills and knowledge

One of the best ways to advance in any career is to continue learning and developing your skills. In the tech industry, this means staying up-to-date on the latest technologies and trends, as well as building your knowledge in areas such as project management, team leadership, and communication.

There are many ways to develop your skills and knowledge, such as taking online courses, attending industry conferences, and networking with other professionals in your field.

## 2. Seek out mentorship and guidance

Having a mentor or coach can be invaluable when it comes to advancing in your career. Find someone in your industry who has experience and knowledge to share, and ask them to mentor you.

A mentor can provide guidance on career advancement, help you navigate the tech industry, and offer advice on how to overcome challenges and obstacles.

## 3. Build your network

Networking is key in any industry, but it's especially important in tech. Attend industry events, join professional organizations, and connect with other professionals on LinkedIn and other social media platforms.

Building your network can help you find new job opportunities, gain valuable insights about the industry, and connect with potential mentors and colleagues.

## 4. Take on leadership roles

To advance in your tech career, you'll need to demonstrate leadership skills. Look for opportunities to take on leadership roles in your current job or in volunteer organizations.



Taking on leadership roles can help you build valuable skills such as communication, problem-solving, and team management, which are essential for success in any tech career.

In conclusion, advancing in your tech career and taking on leadership roles requires a combination of hard work, dedication, and strategic planning. By developing your skills and knowledge, seeking out mentorship and guidance, building your network, and taking on leadership roles, you can position yourself for success in the tech industry, even if you don't have a STEM background.

## Conclusion

### Recap of the book's main points

As a non-tech career changer, it can be a daunting task to transition into a technology-related field. However, with the right guidance and preparation, this can be a fulfilling and rewarding career move.

From Humanities to High-Tech: A Guide for Non-STEM Career Changers is an invaluable resource for those looking to make the leap. The book covers a range of topics, from the basics of technology to the skills and traits required for success in the field.

1. Understanding the basics of technology: It's important to have a solid understanding of the basics of technology, including programming languages, hardware and software components, and networking concepts.
2. Identifying transferable skills: Non-STEM degree holders have a wealth of transferable skills that are highly valued in the technology industry, including critical thinking, problem-solving, and communication skills.
3. Building a strong technical foundation: While there are many different paths to a career in technology, it's important to build a strong technical foundation through courses, certifications, and hands-on experience.
4. Developing a personal brand: In a competitive job market, it's important to develop a personal brand that highlights your unique skills and strengths. This can include building a strong online presence, networking, and showcasing your work through a portfolio.
5. Embracing continuous learning: The technology industry is constantly evolving, so it's important to embrace continuous learning and stay up-to-date with the latest trends and technologies.

Overall, *From Humanities to High-Tech: A Guide for Non-STEM Career Changers* is a comprehensive guide that provides practical advice and actionable steps for non-tech career changers looking to break into the technology industry. With the right mindset and preparation, anyone can succeed in a tech-related career, regardless of their background or degree.

### **Encouragement and advice for non-STEM career changers entering tech careers.**

If you're a non-STEM career changer looking to make a transition into the tech industry, you may be feeling overwhelmed and uncertain about where to start. But don't worry, you're not alone! There are plenty of success stories out there of people who have made the jump from humanities or non-technical backgrounds into tech careers.

Here are some words of encouragement and advice to help you navigate this transition:

1. Embrace your unique perspective: Your non-STEM background can actually be an asset in the tech industry. You bring a different perspective and set of skills to the table, which can help you stand out in a crowded field. Don't downplay your humanities or non-technical background – instead, highlight how it makes you a well-rounded candidate.

2. Seek out training and education: If you're lacking in technical skills, don't be afraid to seek out training or education to help you fill in the gaps. There are a plethora of online courses, bootcamps, and even degree programs that can help you gain the skills you need to succeed in a tech career.

3. Network, network, network: As with any career transition, networking is key. Attend industry events, get involved in online communities, and connect with people who work in the field you're interested in. You never know who might be able to offer you advice or connect you with job opportunities.

4. Be open to entry-level positions: Depending on your previous career experience, you may need to start at the bottom in a new industry. Don't let this discourage you! Even entry-level positions can provide valuable experience and opportunities for growth.

5. Build a portfolio: When applying for tech jobs, it's often helpful to have a portfolio of work to showcase your skills. This can include coding projects, writing samples, or anything else that demonstrates your abilities. Even if you don't have prior work experience in the tech industry, a strong portfolio can help you stand out as a candidate.

Remember, making a career change into tech is possible – it just takes some hard work and determination. With the right mindset and approach, you can successfully transition into a fulfilling and rewarding tech career.

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